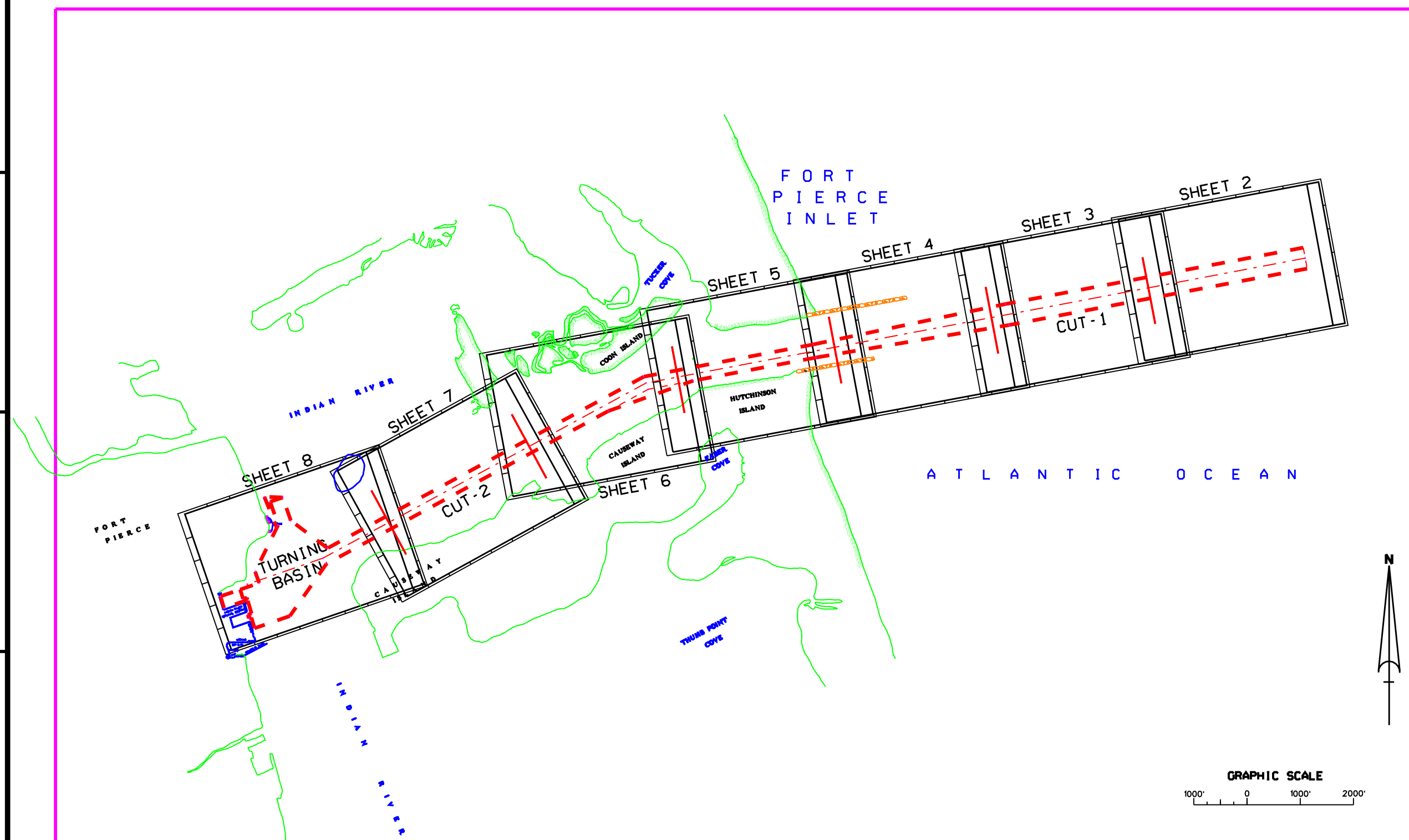
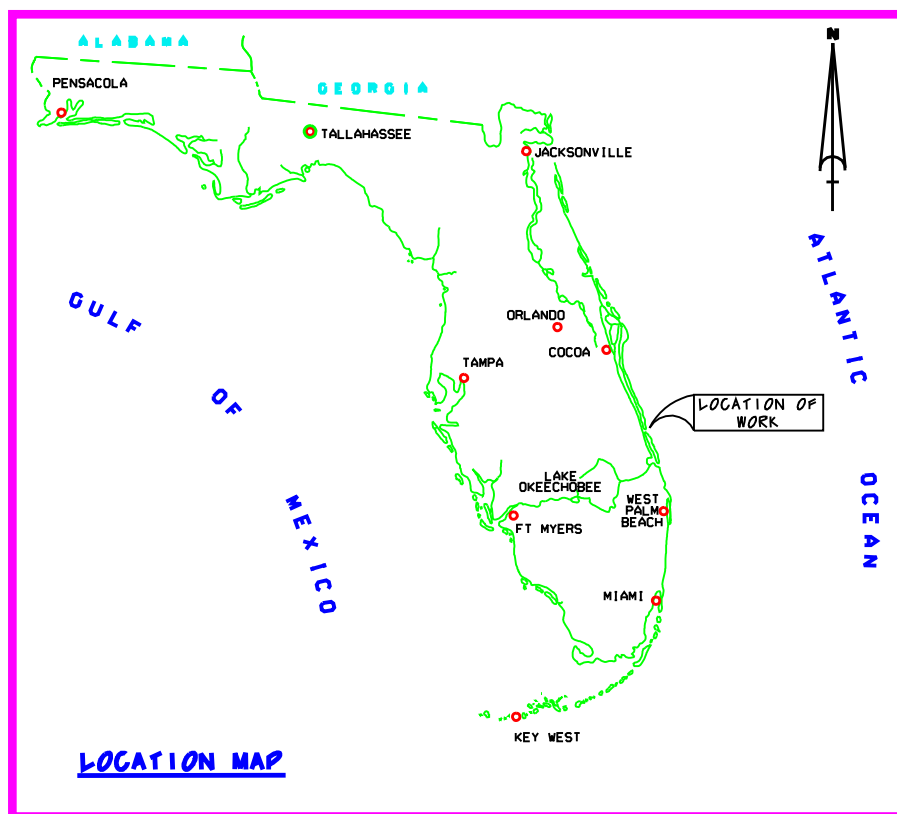


FORT PIERCE HARBOR ST. LUCIE COUNTY, FLORIDA PROJECT CONDITION SURVEY

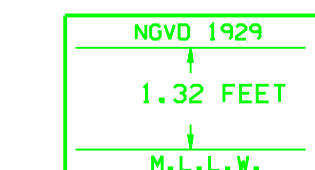


SURVEY NOTES:

1. REFER TO SURVEY NO. 07-008.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.32 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (·) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON DOCK PILING AT SEA TERN CONDO IN THE VICINITY OF BENCHMARK "FH-14".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AND IS NOT TO BE USED FOR NAVIGATION.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 1 JAN 02.

VESSEL	DATE OF SURVEY	CUT
WB-34	12 OCTOBER 2006	CUT 1 & TURNING BASIN
WB-34	13 OCTOBER 2006	CUT-2

BENCHMARK	NGVD ELEV. (FT)
FH-14	4.48



RELATIONSHIP BETWEEN NGVD 1929
AND NOAA MEAN LOWER LOW WATER
TIDAL DATUM (1960-1978 EPOCH)

LEGEND
+BM BENCHMARK
⬮ LIGHTED BEACON
■ GREEN DAYBEACON
▲ RED DAYBEACON
● RED LIGHTED BUOY
● GREEN LIGHTED BUOY
○ CAN BUOY
○ NUN BUOY
○ TIDE STAFF

US Army Corps
of Engineers
Jacksonville District
SAFETY ON THIS JOB
DEPENDS ON YOU

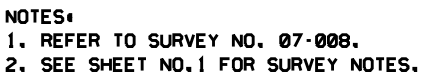
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA

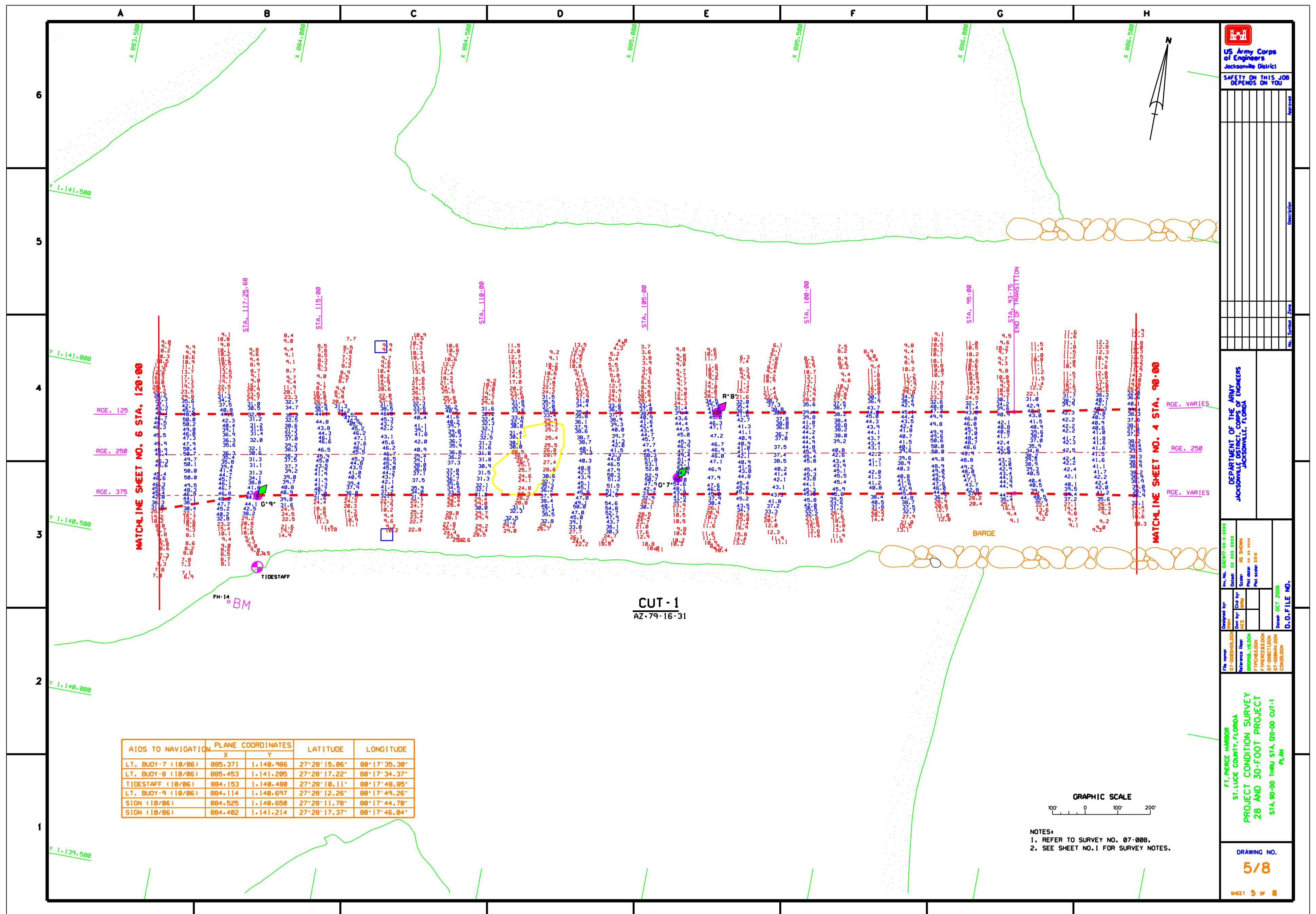
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Reviewed by: JACINTY-12-1-2006	Scale: AS SHOWN	Plot date: 12-1-2006

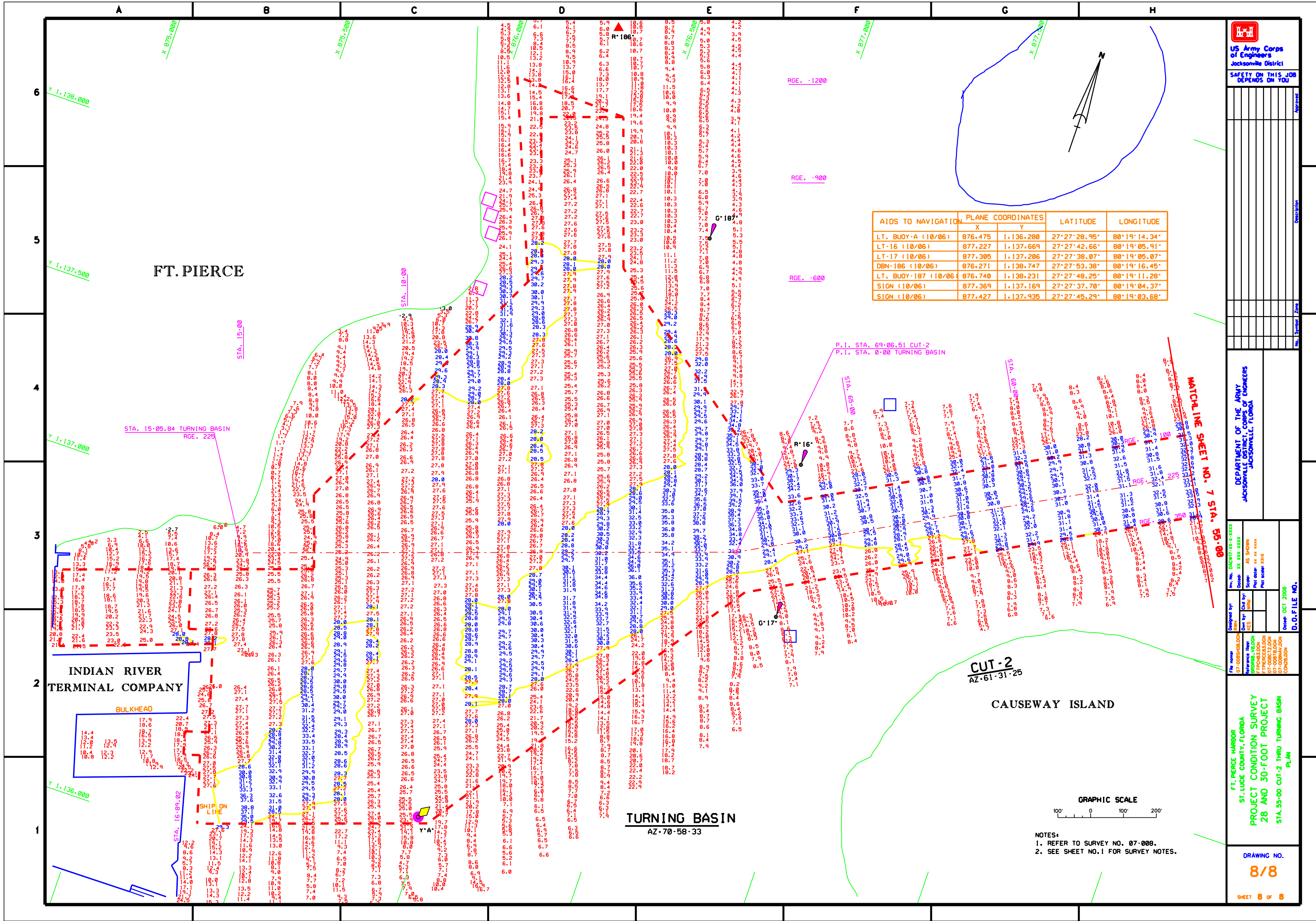
FT. PIERCE HARBOR
ST. LUCIE COUNTY, FLORIDA
PROJECT CONDITION SURVEY
28 AND 30-FOOT PROJECT
COVER, INDEX AND LOCATION
PLAN

DRAWING NO.
1/8

SHEET 1 OF 8







AIDS TO NAVIGATION	PLANE COORDINATES	LATITUDE	LONGITUDE
LT. BUOY-A (10/06)	876.475 1,136.280	27°27'28.95"	80°19'14.34"
LT-16 (10/06)	877.227 1,137.669	27°27'42.66"	80°19'05.91"
LT-17 (10/06)	877.395 1,137.286	27°27'38.07"	80°19'05.07"
DBN-186 (10/06)	876.271 1,138.747	27°27'53.38"	80°19'16.45"
LT. BUOY-187 (10/06)	876.740 1,138.231	27°27'48.25"	80°19'11.28"
SIGN (10/06)	877.369 1,137.169	27°27'37.70"	80°19'04.37"
SIGN (10/06)	877.427 1,137.935	27°27'45.29"	80°19'03.68"

NOTES:
1. REFER TO SURVEY NO. 07-008.
2. SEE SHEET NO.1 FOR SURVEY NOTES.



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT

PROJECT CONDITION SURVEY
28 AND 30-FOOT PROJECT
STA. 55-00 CUT-2 THRU TURNING BASIN
PLAN

DRAWING NO.
8/8

SHEET 8 OF 8